

REMARKS

The claims are claims 1, 5 to 9, 11, 15, 17 and 21 to 51.

The application has been further amended at many locations to correct minor errors and to present uniform language throughout.

Claims 1, 5, 11, 15, 17 and 21 are amended. Claims 2 to 4, 10, 12 to 14, 16 and 18 to 20 are canceled. New claims 22 to 51 are added. Claims 1, 11 and 17 are amended in response to the rejection under 35 U.S.C. 112 and to distinguish over the rejection. Claims 5, 15 and 21 are amended to depend upon respective claims 1, 11 and 17 rather than their canceled base claims. New claims 22 to 24 recite three alternatives of the equations disclosed at page 12, line 20 to page 16, line 25. Claims 25 to 28 correspond to claims 6 to 9 except dependent upon claim 15. Claims 29 to 31 correspond to claims 22 to 24 except dependent upon claim 15. Claim 32 is a new independent method claim that differs from amended claim 1 in recitation of calculation of number of resources for a subset of a page including plural objects. Claim 33 recites the subset is a band. Claim 34 recites the subset is a subband. This subject matter is disclosed in the application a page 9, line 7 to 9. Claims 35 to 39 correspond to claims 6 to 9 except dependent upon claim 32. Claims 39 to 41 correspond to claims 22 to 24 except dependent upon claim 32. Claims 42 to 51 are apparatus claims corresponding to respective method claims 32 to 41.

Claims 1 to 21 were rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The OFFICE ACTION stated that claims 1, 11, and 17 included the indefinite limitation "examining said specification to determine a number of resources to generate each of said plurality of approaches."

Claims 1, 11 and 17 have been amended to recite "examining said specification to determine a number of resources required to generate said image of a page in each of said plurality of approaches." This amended language points out the proper determination taught in the specification and does not include the confusion of the prior language. Accordingly, the rejection under 35 U.S.C. 112 should be withdrawn.

Claims 1 to 5, and 10 to 21 were rejected under 35 U.S.C. 102(e) as anticipated by Davidson et al U.S. Patent No. 6,437,872.

Claims 1, 11 and 17 recite subject matter not anticipated by Davidson et al. Claims 1, 11 and 17 each recite that a page includes a plurality of objects. Claim 1 recites "examining said specification to determine a number of resources required to generate said image of a page in each of said plurality of approaches" and "generating said image of said page from said specification using said selected one of said plurality of approaches." Claim 11 recites "means for examining said specification to determine a number of resources required to generate said image of a page in each of said plurality of approaches" and "means for generating said image of said page from said specification using said selected one of said plurality of approaches." Claim 17 recites "computer readable program code means for examining said specification to determine a number of resources required to generate said image of a page in each of said plurality of approaches" and "computer readable program code means for generating said image of said page from said specification using said selected one of said plurality of approaches." Davidson et al teaches examining each object upon rendering to determine whether to render and output (S460) or render (S470) and then screen and output (S475). In contrast the language quoted above in claims 1, 11 and 17 require the

determination of the approach to be made for an entire page including plural objects and that the selected approach be used for the entire page. This represents a clear difference between the teaching of Davidson et al and claims 1, 11 and 17. Accordingly, claims 1, 11 and 17 are allowable over Davidson et al.

New claims 22, 23, 24, 29, 30, 31, 39, 40, 41, 49, 50 and 51 recite details of the computation in the examination of the specification not taught in Davidson et al. Accordingly, claims 22, 23, 24, 29, 30, 31, 39, 40, 41, 49, 50 and 51 are allowable over Davidson et al.

Claims 32 and 42 recite subject matter not anticipated by Davidson et al. Claims 32 and 42 require examination of a subset of the page including plural objects for determination of the best approach and generating the image for that subset of a page using the determined approach. This recitation of a subset of a page including plural objects differs from the object by object determination and generation of Davidson et al. Accordingly, claims 32 and 42 are allowable over Davidson et al.

Claims 33 and 43 recite subject matter not anticipated by Davidson et al. Claims 33 and 43 recite that the subset of a page is a band. This subject matter is not taught in Davidson et al. Accordingly, claims 33 and 43 are allowable over Davidson et al.

Claims 34 and 44 recite subject matter not anticipated by Davidson et al. Claims 34 and 44 recite that the subset of a page is a subband. This subject matter is not taught in Davidson et al. Accordingly, claims 34 and 44 are allowable over Davidson et al.

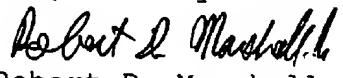
Claims 25 to 28, 35 to 39 and 45 to 49 correspond to the subject matter of allowable claims 6 to 9. These claims should be likewise allowed.

The Applicants respectfully submit that all the present claims are allowable for the reasons set forth above. Therefore early reconsideration and advance to issue are respectfully requested.

If the Examiner has any questions or other correspondence regarding this application, Applicants request that the Examiner contact Applicants' attorney at the below listed telephone number and address to facilitate prosecution.

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Respectfully submitted,


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